# dLAN Wireless extender Starter Kit

## Technical details dLAN Wireless extender

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|---|---|
| **Standards** | Wireless specification IEEE 802.11b,g<br>HomePlug standard 1.0 Turbo<br>Ethernet standard IEEE 802.3/x/u, Auto MDI /MDI-X |
| **Protocols** | CSMA/CD |
| **Data transfer rate** | 85 Mbps over powerline<br>54 Mbps via wireless |
| **Transfer method** | Asynchronous |
| **Modulation** | OFDM-84 carrier (orthogonal frequency division multiplexing ) via powerline<br>DSSS (Direct Sequence Spread Spectrum) via wireless – 802.11b/OFDM (orthogonal frequency division multiplexing) – 802.11g |
| **Range** | 200 m via powerline<br>Up to 300m via wireless |
| **Security** | $DES_{pro}$ encryption via powerline<br>WEP, WPA, WPA2 via wireless |
| **LEDs** | 4 LEDs:<br>▪ Power<br>▪ dLAN Link/Act<br>▪ WLAN On/Act<br>▪ ETH Link/Act |
| **LAN connections** | dLAN: EURO power plug<br>WLAN: Coaxial connector with removable, rotatable 2.4 GHz antenna<br>Ethernet: RJ45 |
| **Dimensions** | 95 x 70 x 47mm (height x width x depth) |
| **Weight** | 200 g |
| **Power consumption** | 6,5 W |
| **Power supply** | Integrated supply from plug socket<br>Rated voltage: 100 – 240 V AC<br>Rated current: 0,11 A<br>Rated frequency: 50/60 Hz |
| **Temperature** | Storage: -25 °C – 70 °C<br>Operation: 0 °C – 40 °C |
| **Environment** | 10 – 90% humidity (non-condensing) |
| **Operating systems** | Windows® XP, Windows® Vista, Linux®, Mac OS-X, and others |
| **Approvals** | CE compliant in accordance with all technical requirements for all EU countries and Switzerland:<br>EN 60950-1 :2001, EN 55022 :1998+A1 :2000 + A2 :2003 (Class B)<br>EN 55024 :1998+A1 :2001+A2 :2003, EN 61000-3-2 :2000,<br>EN 61000-3-3 :1995+A1 :2001<br>EN 300 328 V1.6.1, EN 301 489-1 V1.4.1, EN 301 489-17 V1.2.1 |
| **Modes** | Access point with WEP, WPA, WPA2<br>Client (bridging mode) with WEP |
| **Other** | HTML configuration interface |

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**Version: 08.10.09**

# dLAN Wireless extender Starter Kit

## Technical details dLAN Highspeed Ethernet

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|---|---|
| **Standards** | Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X backward-compatible to HomePlug standard 1.0 |
| **Protocols** | CSMA/CD |
| **Transmission speed** | 85 Mbps |
| **Transmission method** | asynchronous |
| **Modulation** | OFDM - 84 carriers |
| **Range** | 200 m |
| **Security** | $DES_{pro}$ encryption over household power supply grid |
| **LEDs** | 6 LEDs:<br>▪ Power<br>▪ dLAN Act<br>▪ dLAN Link<br>▪ ETH 100/Act<br>▪ ETH 10/Act<br>▪ ETH Col |
| **dLAN port** | Euro mains plug |
| **Device port** | Connector type: RJ 45 |
| **Weight** | 130 g |
| **Dimensions** | 80 x 63 x 37 mm (height x width x depth) |
| **Power consumption** | 4,5 W (max.) |
| **Power supply** | Rated voltage: 100 – 240 V AC<br>Rated current: 0,05 A<br>Rated frequency: 50/60 Hz |
| **Temperature** | Storage: –25 °C – 70 °C (= ( -13)°F - 158°F)<br>Operation: 0 °C -40 °C (= 32°F - 104°F) |
| **Ambient conditions** | 10–90% humidity (non-condensing) |
| **System requirements** | Ethernet port |
| **Operating systems** | Windows® 98, Windows® ME, Windows® 2000, Windows® XP, Linux®, Mac OS® X and all operating systems with TCP/IP support |
| **Certifications** | CE-compliant in accordance with the technical requirements of all EU countries and Switzerland:<br>EN 55022<br>EN 55024<br>EN 60950 |

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## Sales information

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|---|---|
| **Article number** | 01420 (DE/AT/CH/BE/IT/NL/ES), 01421 (FR), 01422 (UK) |
| **EAN code** | 4250059614208 (DE/AT/CH/BE/IT/NL/ES), 4250059614215 (FR), 4250059614222 (UK) |
| **Warranty** | 3 years |
| **Service & Support** | Telephone and e-mail support. Telephone numbers and e-mail addresses are available on the support flyer enclosed with the product, and on the devolo web site. |
| **Design** | Wall plug plastic housing (large) |
| **Weight** | 636 g |
| **Packaging size** | 188,5 x 231 x 78,5 mm (height x width x depth) |
| **Accessories** | ▪ Ethernet cable<br>▪ Documentation: printed installation guide<br>▪ CD-ROM: PDF manual, configuration software for Windows® XP, Windows® Vista, Linux®, Mac OS-X |

## WEEE additional information

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|---|---|
| **Weight WEEE** | 196,4 g |
| **Paper (Green Dot)** | 186 g |
| **Plastic (Green Dot)** | 10 g |
| **Other (Green Dot)** | 0,4 g |

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